

MEDICAL CONTAINER

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Abstract

PROBLEM TO BE SOLVED: To provide a medical container which stores medical solutions containing carbonic acid components, such that the concentration of bicarbonate ions is held constant at any stages, say, before or after manufacture or after a long period of preservation, and that the concentration of carbonic acid gas is also held within a predetermined range.

SOLUTION: In a medical container including two or more storage chambers 2 in which carbonic acid components are separately stored, with the storage chambers communicated together during use, the carbonic acid components are stored while in an alkaline state, in such a way that when the storage chambers are communicated together, the concentration of bicarbonate ions in mixed medical solutions is in the range from 10 to 30 mmol/L, and a mother liquor stored in a liquid storage chamber, other than the carbonic acid components, contains an excess gap acid so that when the storage chambers are communicated together, carbonic acid (P_{CO_2}) is generated in the range from 80 to 10 mmHg in the mixed medical solutions.

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